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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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C	complete if Known
Application Number	10/549986
Filing Date	09 19 05
First Named Inventor	Norio SAKAI
Art Unit	2811
Examiner Name	4. 10
Attorney Docket Number	36856.1370

Examiner Cite Initials* No.	j Document Name	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where		
Initials* No.	Number-Kind Code 2(If known)	MM-YYYY	Applicant of Cited Document			
Initials* No.1 Number-Kind Code			Applicant of once position	Relevant Passages or Relevant Figures Appear		
V ₀ 1	6,353,189	03-2002	Shimada et al.			
V ₂ 2	2002/0140081	10-2002	Chou et al.			

		FOI	REIGN PATENT	T DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ² Number-Kind Code 6(if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Le
√y 3 WO98/47331		10-1998	WIPO			
l	4	JP 2003-23257 (English abstract and machine translation)	01-2003	JAPAN	·	X
	5	JP 2002-094410 (English abstract and machine translation)	03-2002	JAPAN		X
	6	JP 2002-185222 (English abstract and machine translation)	06-2002	JAPAN		X
	7	JP 2003-086990 (English abstract and machine translation)	03-2003	JAPAN		X
	8	JP 2002-198655 (English abstract and machine translation)	07-2002	JAPAN		X
	9	JP 2003-347467 (English abstract and machine translation)	12-2003	JAPAN		X
	10	JP 2000-004071 (English abstract and machine translation)	01-2000	JAPAN		X
	11	JP 07-142867 (English abstract and machine translation)	06-1995	JAPAN		X
	12	JP 10-242335 (English abstract and machine translation)	09-1998	JAPAN		Х
	13	JP 2002-094247 (English abstract and machine translation)	03-2002	JAPAN	'	X
V	14	JP 2003-124435 (English abstract and machine translation)	04-2003	JAPAN		X

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JAN 0 9 2006 PTO/SB/08A (04-03)

Substitute for form 1449/PTO	Complete if Known					
Substitute for form 1445/PTO	Application Number	10/549,986				
INFORMATION DISCLOSURE	Filing Date	09/19/05				
	First Named Inventor	Norio SAKAI				
STATEMENT BY APPLICANT	Art Unit	281				
(Use as many sheets as necessary)	Examiner Name	-H. VJ				
Sheet 1 of 1	Attorney Docket Number	36856.1370				

	U.S. PATENT DOCUMENTS									
Examiner Cite Initials* No.1		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where					
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	FOREIGN PATENT DOCUMENTS										
Examiner initials*	Cite No.1	Foreign Patent Document Country Code*Number-Kind Code 'Ni' known)	Publication Date MM-YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Le					
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·	Application Number		10549986	
NI TO T	Filing Date		2005-09-19	
INFORMATION DISCLOSURE	First Named Inventor	Norio	SAKAI	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit	<u> </u>	2811	
(Not 101 submission under 37 CFR 1.33)	Examiner Name	H. VL	J	
	Attorney Docket Numl	per	36856.1370	

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Examiner Initial*	Cite No			Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
1	1	5110664	A	1992-05-05	Nakanishi et al.	
	2	5177670	A	1993-01-05	Shinohara et al.	·
	3	5331204	A	1994-07-19	Kuroda et al.	
	4	4754371	A	1988-06-28	Nitta et al.	
	5	7120031	A	2006-10-10	Chakravorty et al.	
15	6	6775150	B1	2004-08-10	Chakravorty et al.	
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Examiner Name	H. VL	j			
Attorney Docket Number		36856.1370			

7.	1	20030071350	A1	2003-04	I-17	Takehara et al.					
4	2	20060279940	A1	2006-12	2-14	Chakravorty et	al.				
15	3	20040238942	A1	2004-12-02		-02 Chakravorty et al.					
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V _a	1	2001-7250	JP		A	2001-01-12					×
	2	2003-188538	JP		A	2003-07-04					X
	3	2002-76629	JP		A	2002-03-15					×
12	4	02/19430	wo		A	2002-03-07					X
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Art Unit		2811
Examiner Name H. VU		
Attorney Docket Numb	er	36856.1370

	1	Officia	al communication issued in	the counterpart E	European Application	No. 04792430.3, maile	ed on July	/ 16, 2007 .		
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	Application Number		10549986		
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INFORMATION DISCLOSURE	First Named Inventor	Norio	Sakai		
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2811		
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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date		Name of Patentee or Applicant of cited Document		Pages,Columns,Lines v Relevant Passages or Figures Appear			
12	1	6353189	B1	2002-03-05		Shimada et al.					
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Art Unit		2811		
Examiner Name H. Vu				
Attorney Docket Number		36856.1370		

Official Communication issued in corresponding Korean Patent Application No. 10-2005-7019001, dated November 22, 2006.

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